

38.P1019

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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45000
JC832 U.S. PTO
10/021245
12/19/01

In re Application of:)
ALEXANDER L. BERESTOV)
Application No.: N/Y/A)
Filed: Herewith)
For: OPTICAL RECOVERY OF) December 18, 2001
RADIOGRAPHIC GEOMETRY)

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant respectfully directs the Examiner's attention to the documents listed below and on attached Form PTO-1449. A copy of each document so listed is enclosed.

U.S. Patent No. 3,843,225
U.S. Patent No. 3,940,619
U.S. Patent No. 4,087,837
U.S. Patent No. 4,246,483
U.S. Patent No. 4,513,433
U.S. Patent No. 4,516,261
U.S. Patent No. 4,903,204
U.S. Patent No. 5,359,637
U.S. Patent No. 5,668,844
U.S. Patent No. 5,872,828
U.S. Patent No. 6,006,126
U.S. Patent No. 6,081,577

Alexander L. Berestov, "Stereo Fundus Photography: Automatic Evaluation of Retinal Topography," Stereoscopic Displays and Virtual Reality Systems VII, Proceedings of the SPIE 3957, 50-59 (2000).

Alexander Berestov, "Stereoscopic X-Ray Image Processing," Medicine Meets Virtual Reality 2001, 53-59 (2001).

L. A. Feldcamp, L. C. Davis & J. W. Kress, "Practical Cone-Beam Algorithm," Optics and Image Science, J. Opt. Soc. Am. 1, 612-619 (1984).

David G. Grant, "Tomosynthesis: A Three-Dimensional Radiographic Imaging Technique," IEEE Trans. Biomed. Eng. 19, 20-28 (1972).

Richard L. Webber, Alexander Berestov, and Jeffrey W. Duryea, "Elimination of Volume Anisotropy in Tomosynthesis Through Biorthogonal Merging of Reconstructions Produced from Contiguous Projections," Medical Imaging, Proceedings of the SPIE 4320, 681-687 (2001).

Ashoke S. Talukdar & David L. Wilson, "Modeling and Optimization of Rotational C-Arm Stereoscopic X-Ray Angiography," IEEE Transactions on Medical Imaging 18, 604-616 (1999).

Andrew Woods, Tom Docherty & Rolf Koch, "Image Distortions in Stereoscopic Video Systems," Stereoscopic Displays and Applications IV, Proceedings of the SPIE 1915, 36-48 (1993).

"Radionics: The Optical Tracking System" (visited Dec. 12, 2001)
<<http://www.radionics.com/products/frameless/ots.shtml>>.

"Radionics: OTS™ Software Version 3.0" (visited Dec. 12, 2001)
<<http://www.radionics.com/products/frameless/ots3.shtml>>.

The Examiner's attention is also directed to the following U.S.

Applications:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>
09/428,286	October 27, 1999
09/500,181	February 7, 2000
09/561,291	April 28, 2000
09/610,579	July 5, 2000
09/769,210	January 18, 2001

In accordance with 37 C.F.R. § 1.98(a)(2)(iii), copies of the application specifications, claims and drawings for the foregoing U.S. Applications are enclosed.

The foregoing documents turned up during pre-filing activities for the subject application.

The Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portions of the Form PTO-1449.

Applicant's undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


Attorney for Applicant

Registration No. 32622

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30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 38.P1019		APPLICATION NO. N/Y/A	
				APPLICANT ALEXANDER L. BERESTOV			
				FILING DATE Herewith		GROUP N/Y/A	

JCE33 U.S. PTO
 10/021245

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,843,225	10/22/74	M. Kock, et al.	350	3.5		
	3,940,619	2/24/76	W. Ellingson, et al.	250	313		
	4,087,837	5/2/78	R. Geluk	358	111		
	4,246,483	1/20/81	H. Weiss, et al.	250	445		
	4,513,433	4/23/85	H. Weiss, et al.	378	2		
	4,516,261	5/7/85	G. Harding, et al.	382	6		
	4,903,204	2/20/90	J. Dobbins, III	364	413.24		
	5,359,637	10/25/94	R. Webber	378	2		
	5,668,844	9/16/97	R. Webber	378	2		
	5,872,828	2/16/99	L. Niklason	378	23		
	6,006,126	12/21/99	E. Cosman	600	426		
	6,081,577	6/27/00	R. Webber	378	23		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Alexander L. Berestov, "Stereo Fundus Photography: Automatic Evaluation of Retinal Topography," Stereoscopic Displays and Virtual Reality Systems VII, Proceedings of the SPIE 3957, 50-59 (2000).
	Alexander Berestov, "Stereoscopic X-Ray Image Processing," Medicine Meets Virtual Reality 2001, 53-59 (2001).
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EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		David G. Grant, "Tomosynthesis: A Three-Dimensional Radiographic Imaging Technique," IEEE Trans. Biomed. Eng. 19, 20-28 (1972).					
		Richard L. Webber, Alexander Berestov, and Jeffrey W. Duryea, "Elimination of Volume Anisotropy in Tomosynthesis Through Biorthogonal Merging of Reconstructions Produced from Contiguous Projections," Medical Imaging, Proceedings of the SPIE 4320, 681-687 (2001).					
		Ashoke S. Talukdar & David L. Wilson, "Modeling and Optimization of Rotational C-Arm Stereoscopic X-Ray Angiography," IEEE Transactions on Medical Imaging 18, 604-616 (1999).					
		Andrew Woods, Tom Docherty & Rolf Koch, "Image Distortions in Stereoscopic Video Systems," Stereoscopic Displays and Applications IV, Proceedings of the SPIE 1915, 36-48 (1993).					
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